I claim:

~ , ~~CLAIMS~~

1. Information delivery system, which is connected to one or more communication networks, c h a r a c t e r i s e d in that it comprises

   a) an information delivery server having

      information receiving modules for receiving messages from one or more networks and for converting of those to a form suitable for the information

10   processing unit,

      an information processing unit, which processes the messages in accordance with their content, fetches the information requested, handles the data and constructs replies to those,

      information sending modules for sending the replies to one or several networks

15   and for converting of those to a form suitable for the receiver

   b) a user interface, with which services can be created and maintained in the information delivery server from one or more terminals connected to the information delivery system.

20 2. Information delivery system of claim 1, c h a r a c t e r i s e d in that the information sending modules get answers from an information control module for sending of the replies to the sending module of a suitable network.

   3. Information delivery system of claim 1 or 2, c h a r a c t e r i s e d in that the
25   information processing unit, which handles the messages in accordance with their content, fetches the data requested in them from one or more networks or data bases stored in the server.

   4. Information delivery system of any of patent claims 1 - 3, c h a r a c t e r i s e d
30   in that the information processing unit handles the messages and fetches the

information requested in them by means of a service product created in the information delivery server, which is created in form of a command list program, in form of a simple list of functions.

5. Information delivery system of claim 4 c h a r a c t e r i s e d in that the program is stored in a data base in the server or in some network connected to the server.

6. Information delivery system of any of claims 1 - 5 c h a r a c t e r i s e d in that the communication network is an open computer network, a closed computer network and/or a wireless communication network.

7. Method of delivering information to one or more communication networks, c h a r a c t e r i s e d in that

a) messages are received from one or several networks,

b) the received messages are converted to a suitable form for further processing,

c) the messages are processed in accordance with the content, the information requested in them is fetched, the data is processed and replies to them are constructed,

d) the replies are sent to correct network when they have been converted to a form suitable for the network in question.

8. Method of claim 7, c h a r a c t e r i s e d in that the information requested in the messages is fetched from one or several networks or from a data base stored in the server.

9. Method of any of claims 7 - 8, c h a r a c t e r i s e d in that the messages are processed and the information requested in them is fetched by means of a service product created in the information delivery server, which is created as a list of simple functions in form of a command list program.

10. Method of any of claims 7 - 9 c h a r a c t e r i s e d in that the information delivery product is stored in a database.

11. Method of any of claims 7 - 10 c h a r a c t e r i s e d in that the information delivery product is modified and/or created for own use and/or for everyone and/or for a limited user group by means of parameters which are added to the fields of the information delivery product program.

12. Method of any of claims 7 -11 c h a r a c t e r i s e d in that the function of the information delivery product is described with a binary program module which is transferred to the information delivery server.

13. Method of any of claims 7 -11 c h a r a c t e r i s e d in that the function of the information delivery product is described with a program which is stored in some other place of the network.

14. Method of any of claims 7 -13 c h a r a c t e r i s e d in that userwise or servicewise data, for the part of each information delivery product, is stored in the server between the requests.

15. Method of any of claims 7 -14 c h a r a c t e r i s e d in that individual data of the user is stored in the server, but not necessarily identification data of the user.

16. Method of any of claims 7 -15 c h a r a c t e r i s e d in that the information delivery product is constructed to follow the mediated information and its copyright situation and possibly to hinder the access to given data in given networks.

17. Method of any of claims 7 -16, c h a r a c t e r i s e d in that the reply of the service can be delayed to improve data security.

18. Service product in an information delivery server of any of claims 1 - 6, which is connected to one or several communication networks, with which service requests can be received from different networks and replies can be sent to

them, c h a r a c t e r i s e d in that it is a list of simple functions in form of a command list program.

19. Service product of claim 10, c h a r a c t e r i s e d in that its function is described with a binary program module and transferred to the information delivery server or to another place in the network.

20. Service product of claim 18 tai 19, c h a r a c t e r i s e d in that the function program of the service is presented in the data base in a menu form or in text form.

21. Service product of claim 18, c h a r a c t e r i s e d in that the functional program of the service is presented for the service producers in a form in which they can add the command parameters by themselves.

22. Service product of claim 18, c h a r a c t e r i s e d in that the functional program of the service is already in such a form for the service users, partly or completely, that the service can be used to receive information.

23. The use of the service product of any of claims 18 - 22 to create a service to an information delivery server, which is connected to one or more communication networks, with which service requests can be received from different networks and replies can be sent to them, c h a r a c t e r i s e d in that the service is created as a command list program, in the form of a list of simple functions to be placed in the function fields of the program.